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Approved in the integral of in

Docket Number (Optional) 272/012

## REISSUE APPLICATION DECLARATION BY THE INVENTOR

As a below named inventor, I hereby declare that:
My residence, post office address and citizenship are stated below next to my name.
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first
and joint inventor (if plural names are listed below) of the subject matter which is described and claimed
in patent number 6.030,308, granted February 29, 2000, and for which a
reissue patent is sought on the invention entitled ADJUSTABLE ENDLESS BELT FOR USE IN POWER
TRANSMISSION AND APPARATUS AND METHODS FOR FORMING BELT,
the specification of which
☑ is attached hereto.
was filed on as reissue application number / and was amended on (fileobicable)
(паррисаме)
I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.
I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)
by reason of a defective specification or drawing.
by reason of the patentee claiming more or less than he had the right to claim in the patent.
by reason of other errors.
At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

At least one error upon which reissue is based is described as follows:

Claims 1-5 in the Issued patent recite that the ends of the reinforcing ribbon are disposed in an adjacent disposition within the outer length of material or as being in an adjacent position substantially equidistantly between the ends of the outer length of material. It has been determined that these limitations are not necessary to practice the invention or to define patentially exhiber that the substantial production of the define patentially exhiber that the substantial such limitations are anguably overly broad in view of discovered U.S. Patent No. 2,985,222. Accordingly, claims 1, 9 and 13 were amended and new dalims 17-24 are resented in this reissue as follows:

- 1. (Amended) An endless belt for use in power transmission comprising an outer length of flexible tear-resistant material having mating extended ends so as to form a closed loop and defining an endless channel extending longitudinally threethrough, an inelastic reinforcing ribbon of a flexible tear-resistant material disposed within sald channel, said ribbon defining first and second ends and extending across said mating reads of said outer length of material and twice about said loop defined by said outer length of materials os as to define two layers of reinforcing ribbon within said outer length of material, said first end of said ribbon being disposed adjacent to said second end thereof and an anthesive injected into said channel separately from said othbon, said adhesive being disposed about said layers of ribbon and securing logether said layers of ribbon and securing said ribbon to said outer length of material is said closed loops.
- (Amended) An endless belt for use in power transmission comprising an outer length of flexible tear-resistant material having mating extended ends so as to form a closed loop and defining an endless channel extending longitudinally therethrough, an inelastic reinforcing ribbon of a flexible tear-resistant material disposed within said channel and extending about said loop defining first and said channel and extending about said loop defining first and second end portions and extending across said mating ends of said outer length of material, said ribbon defining first and second end portions and extending across said mating ends of said outer length of this said channel separately from said ribbon, said adhesive being disposed about said ribbon and securing together said end portions of said ribbon or said vibbon or said outer length of material to matintain said outer length off in said closed loop.

- (Amended) An endless belt for use in power transmission comprising an outer length of flexible learn-sistent material adving making extended ends and forming a closed toop, said length or meterial defining an endless channel extending longitudinally therethrough, an inner surface, an outer surface, and a sit extending the length of said channel between said channel and said outer surface, an outer surface, and a sit extending the resistant material disposed within said channel and extending about said loop defined by said outer length of material with said shown of the said channel and extending about said loop defined by said outer length of material with said first end portion of said ribbon extending said second end portions need second end portions and extending across said mating ends of said outer length of material with said first end portion of said ribbon overlapping said second end portion sid others separately from said ribbon, and anothers being disposed about said ribbon and said ribbon to said outer length of material to maintain said outer length of material in said down of the said channel in said observed being the said end portions of said ribbon and said ribbon to said outer length of material to maintain said outer length of material in said down of the said channel and said ribbon to said outer length of material to maintain said outer length of material in said observed being said end to the said channel and said ribbon to said outer length of material to maintain said outer length of material in said observed being the said end to the said channel and said ribbon to said outer length of material to maintain said outer length of material said outer lengt
- 17. An endless belt for use in power transmission comprising an outer length of flexible last-resistant material having mating extended ends so as to form a closed loop and defining an endless channel extending longitudinally therethrough, an inetastic reinforcing ribbon of a flexible tear-resistant material disposed within said channel, said ribbon defining first and second ends and extending across said matting ends of said outer length of material and twice about said loop defined by said outer length of material and twice about said loop defined by said outer length of material so as to define two layers of reinforcing ribbon within said outer length of material, and an adhesive highed into said channel separately from said ribbon, said adhesive being disposed about said layers of ribbon and securing together said layers of ribbon and securing said ribbon to said outer length of material to maritalis aid outer length of material to maritalis aid outer length of material to maritalis aid outer length of material is maritalis and outer length of material to maritalis of material is maritalis of material is maritalis of material in said outer length of material to maritalis and outer length of material is maritalism as of under length of material is maritalism and outer length of material to maritalism as of under length of material is maritalism and outer length of material to maritalism and outer length of material is maritalism and outer length of material to maritalism and outer length of material
- 18. An endless belt for use in power transmission comprising an outer length of fertible lear-resistant material having mating extended ends so as to form a closed loop and defining an endless channel extending longitudinally therefitrough, an inelastic flexible and tear-resistant reinforcing ribbon disposed within said channel, said ribbon being comprised of an adhesive cooperative material allowed about an inelastic and durable material and extending across said mating ends of said outer length of material and twice about said loop defined by said outer length of material so as to define two layers of reinforcing ribbon within said cuter length of material, and an adhesive disposed within said cuter name and a proposed within said cuter name and a proposed some said to the control of the proposed some said to the control of material in said channel about said dayers of ribbon and securing together said layers of ribbon and securing together said layers of ribbon to said outer length of material to maritims aid outer length or material to maritims and outer length of material to mar
- The endless belt of claim 18 wherein said ribbon is of a braided construction such that said inelastic and durable material is encased within said adhesive cooperative material.
- A belt assembly for forming an endless belt of a desired size for use in power transmission, said assembly comprising:
  - an outer length of flexible tear-resistant material defining an outer surface, an inner surface, a first end, a second end, an interior channel extending longitudinally therethrough, and a silt extending the length thereof from said outer surface to said channel;
  - an adhesive adapted to be injected through said slit into said channel throughout the length thereof; and
  - an inelastic reinforcing ribbon comprised of a highly durable and inelastic inner portion and a relatively non-abrasive and adhesive cooperative outer portion, said ribbon being adapted to be inserted into said channel through said sit such that upon injecting said adhesive into and along said channel, placing said ends of said outer length of metafel in an abuting realizonship and drawing said ribbon into said channel through said slit and about said outer length of material so that said ribbon extends in a flat disposition within said adhesive in said channel about said outer length of material and across the abuting ends thereof, said ribbon is secured to said outer length of material by said adhesive, defining a continuous belt of uniform construction.
- 21. An endless belt for use in power transmission comprising an outer length of flexible tear-resistant material having mailing extended ends so as to form a closed bop and defining an endless channel extending longitudinally therethrough, an inelastic, flexible and tear-resistant reinforcing ribbon disposed within said channel and comprised of a highly durable and inelastic inner portion and a relatively non-abrasive and adhesive cooperative outer portion, said othor defining first and second end portions and extending about said loop defined by said outer length of material and across said mating ends of said outer length of material with said first end portion of said ribbon worterploring said second end portion thereof, and an adhesive disposed within said channel about said ribbon and securing together said end portions of said ribbon and ribbon to said outer length of material to maintain said outer length of material in said closed too.
- 22. An endless belt for use in power transmission comprising an outer length of flexible tear-resistant material having mating ends os as to form a closed dop and defining an endless channel extending longitudinally therethrough, an inelastic, flexible and tear-resistant reinforcing ribbon disposed within said channel, said ribbon being comprised of a highly durable and inelastic interprotrion and a relatively non-abrasive and adhesive cooperative outer portion and extending about said loop defined by said outer length of material and across said mating ends of said outer length of material, and an archesive injected into said channel separately from said ribbon, said adhesive being disposed about said ribbon and securing said ribbon to said outer length of material in maintain said outer length of material to maintain said outer length of material in maintain said outer length of material in said closed loop.

- 23. An endless belt for use in power transmission comprising an outer length of flexible tear-resistant material having mailing ends so as to form a closed loop and defilling an endless channel extending longifularity thereithrough, an inelastic, flexible and tear-resistant reinforcing ribbon disposed within said channel, said ribbon being comprised of at least two different materials, a first of said materials being highly durable and inelastic, a second of said materials being substantially more adhesive cooperative than said first material ato as to encase said first material therein, said ribbon extending about said loop defined by said outer length or material, and an adhesive injected into said channel separately from said ribbon, said adhesive being disposed about said ribbon and securing said ribbon to said outer length or material and accross class from the control of material and accross said maile quite outer length or material and accross class from the control of material in said closed ico.
- 24. An endless beit for use in power transmission comprising an outer length of flexible tear-resistant material having mating ends so as to form a closed loop and defining an endless channel extending longlutinally therethrough, an inelastic, flexible and tear-resistant reinforcing ribbon disposed within said channel, said ribbon being comprised of at least two different materials, a first of said materials being highly durable and inelastic, a second of said materials being substantially more adhesive cooperative than said first material and being braided about said first material said being substantially more adhesive cooperative than said first material and being braided about said first material and wice about said loop defined by said ribbon extending across said mating ends of said outer length of material and twice about said loop defined by said cuter length of material and several process of the said charmed said said ribbon within said outer length of material, and an adhesive injected into said charmed separately from said ribbon, said adhesive being disposed about said ribbon and securing together said layers of ribbon and securing said ribbon to said outer length of material to material sons and securing said ribbon with said chaser loops.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2) Docket Number (Optional) 272/012							
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.							
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Additional joint inventors are named on separately numbered sheets attached hereto.							